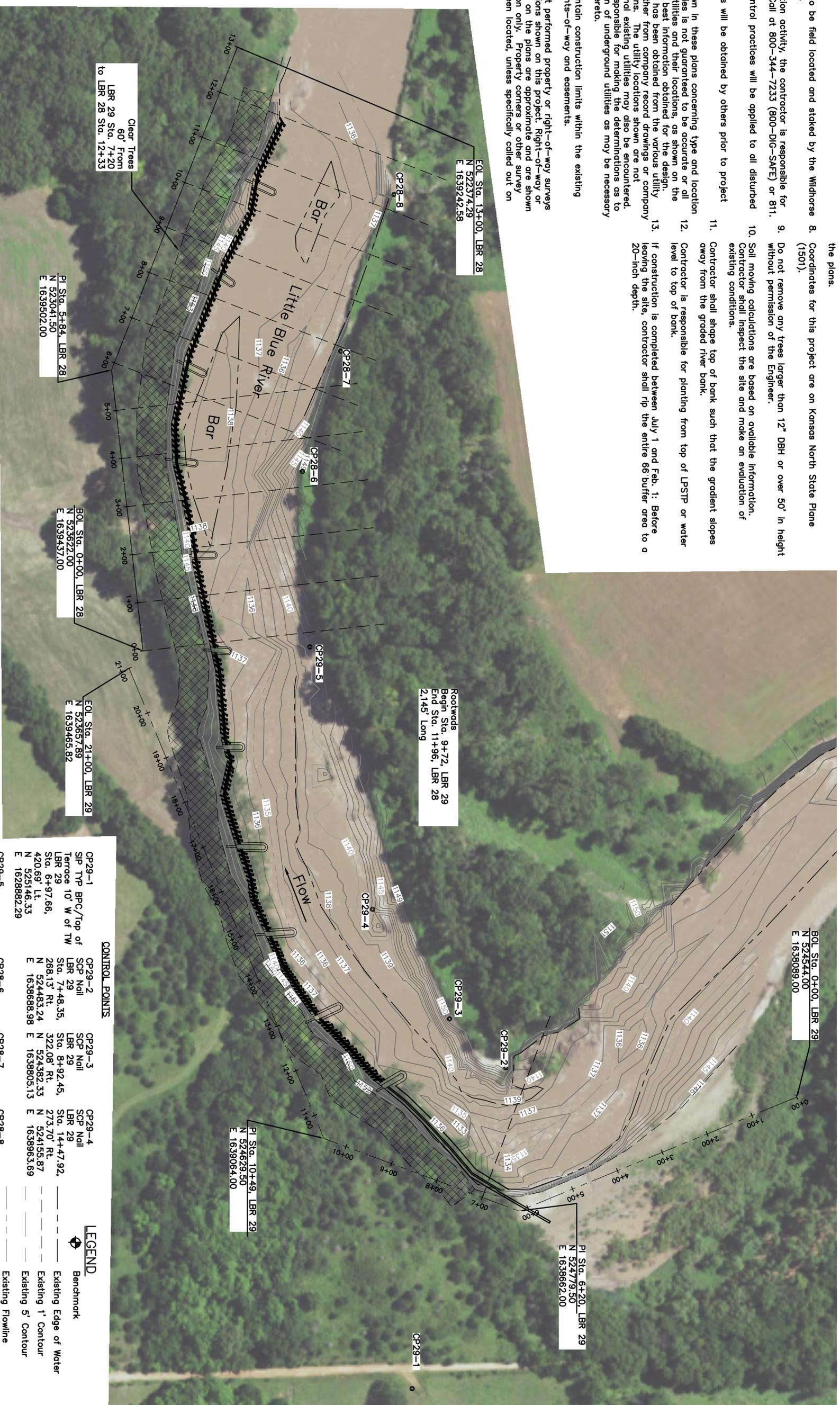


GENERAL NOTES

- Structure locations to be field located and staked by the Wildhorse Riverworks (1501).
- Before any construction activity, the contractor is responsible for calling Kansas One Call at 800-344-7233 (800-DIG-SAFE) or 811.
- Accepted Erosion Control practices will be applied to all disturbed areas.
- All applicable permits will be obtained by others prior to project construction.
- The information shown in these plans concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. Existing utilities and their locations, as shown on the plans, represent the best information obtained for the design. Location information has been obtained from the various utility companies and is either from company record drawings or company provided field locations. The utility locations shown are not guaranteed. Additional existing utilities may also be encountered. The contractor is responsible for making the determinations as to the type and location of underground utilities as may be necessary to avoid damage thereto.
- Contractor shall maintain construction limits within the existing and/or proposed rights-of-way and easements.
- The engineer has not performed property or right-of-way surveys for any of the locations shown on this project. Right-of-way or property lines shown on the plans are approximate and are shown for general orientation only. Property corners or other survey markers have not been located, unless specifically called out on the plans.

- Coordinates for this project are on Kansas North State Plane (1501).
- Do not remove any trees larger than 12" DBH or over 50' in height without permission of the Engineer.
- Soil moving calculations are based on available information. Contractor shall inspect the site and make an evaluation of existing conditions.
- Contractor shall shape top of bank such that the gradient slopes away from the graded river bank.
- Contractor is responsible for planting from top of LPSTP or water level to top of bank.
- If construction is completed between July 1 and Feb. 1: Before leaving the site, contractor shall rip the entire 66' buffer area to a 20-inch depth.



Clear Trees
60' From
LBR 29 Sta. 7+20
to LBR 28 Sta. 12+33

PI Sta. 5+84, LBR 28
N 523041.50
E 1639502.00

BOL Sta. 0+00, LBR 28
N 523622.00
E 1639437.00

EOL Sta. 21+00, LBR 29
N 523657.89
E 1639465.82

Rootwads
Begin Sta. 9+72, LBR 29
End Sta. 11+96, LBR 28
2,145' Long

BOL Sta. 0+00, LBR 29
N 524544.00
E 1638089.00

PI Sta. 6+20, LBR 29
N 524779.50
E 1638662.00

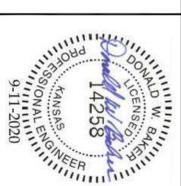
PI Sta. 10+49, LBR 29
N 524629.50
E 1639064.00

CONTROL POINTS		LEGEND	
CP29-1 SIP TYP BPC/Top of Terrace 10' W of TW LBR 29 Sta. 6+97.66, 420.69' Lt. N 525146.33 E 1628882.29	CP29-2 SCP Nail LBR 29 Sta. 7+48.35, 268.13' Rt. N 524483.24 E 1638688.98	CP29-3 SCP Nail LBR 29 Sta. 8+92.45, 322.08' Rt. N 524382.33 E 1638805.13	Existing Benchmark
CP29-4 SCP Nail LBR 29 Sta. 14+47.92, 273.70' Rt. N 524155.87 E 1638963.69	CP29-5 SCP Nail LBR 29 Sta. 19+98.27, 361.32' Rt. N 523613.82 E 1639093.05	CP29-6 SCP Nail LBR 28 Sta. 3+52.20, 367.91' Rt. N 523250.93 E 1639108.34	Existing 1' Contour
CP28-6 SCP Nail LBR 28 Sta. 7+91.57, 426.44' Rt. N 522678.84 E 1638919.50	CP28-7 SCP Nail LBR 28 Sta. 11+33.23, 411.29' Rt. N 522678.84 E 1638919.50	CP28-8 SCP Nail LBR 28 Sta. 11+33.23, 411.29' Rt. N 522678.84 E 1638919.50	Existing 5' Contour
			Existing Flowline
			New Improvements

Not For Construction Without a
Professional Engineer Seal.
Image obtained from 2019
Farm Service Agency National
Agriculture Imagery Program.

Date	Comment	No.	BY	CK	JAPP
		1			
		2			
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Designed By:	PGB
Drawn By:	MEM
Checked By:	DWB
Date:	7/6/20
Scale:	1"=100'



Little Blue River
Washington County, Kansas
LBR 28 and LBR 29
Overall Plan View
2 SHEET 10

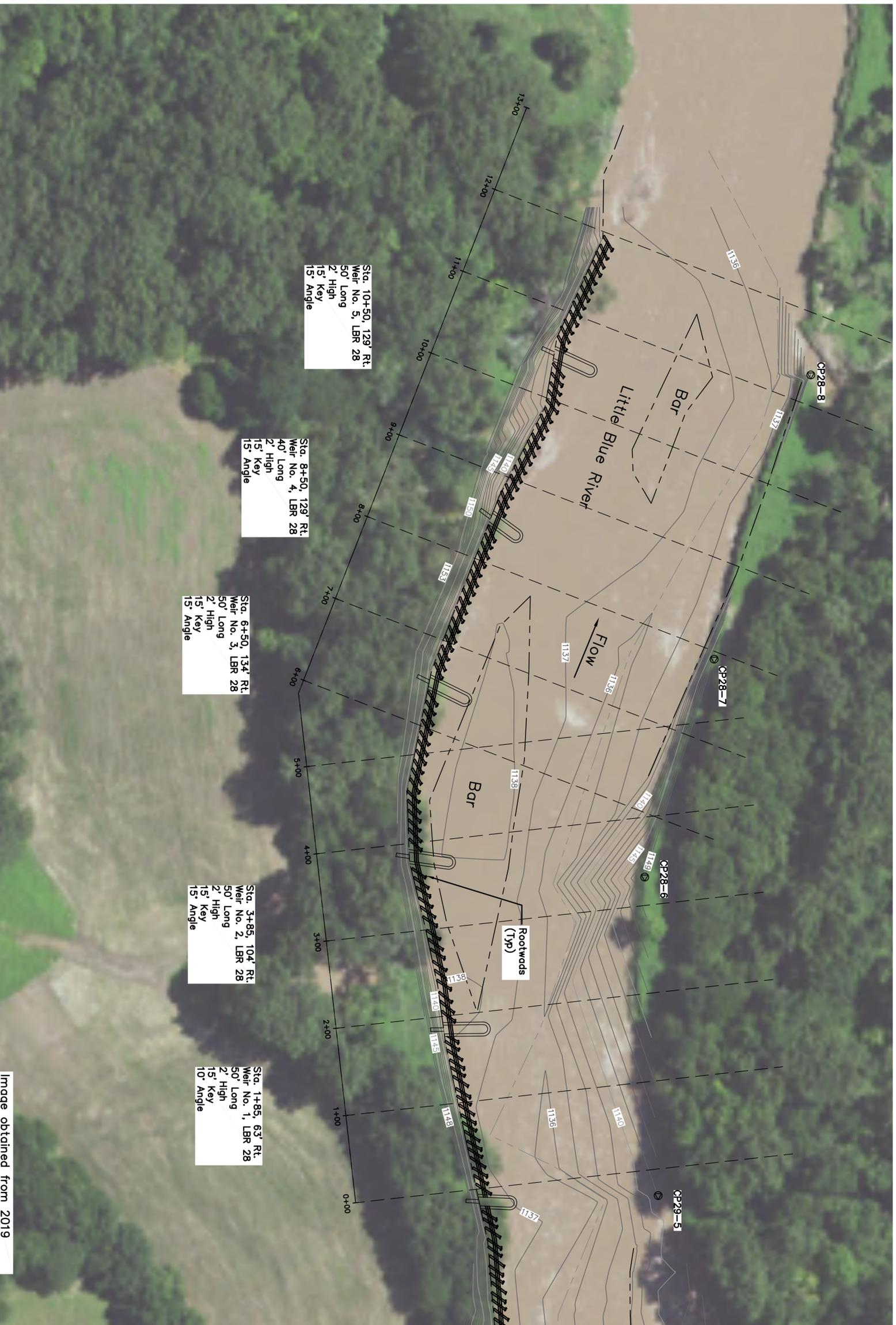


Image obtained from 2019
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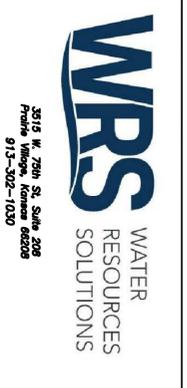
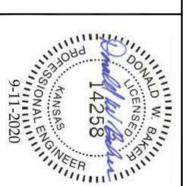
LEGEND

- Benchmark
- Existing Edge of Water
- Existing 1' Contour
- Existing 5' Contour
- Existing Flowline
- New Improvements

Not For
Construction
Without a
Professional
Engineer's Seal.

Date	Comment	No.	BY	CK	APP
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		4			

Designed By: PGB	
Drawn By: MEM	
Checked By: DWB	
Date: 9/6/20	
Scale: 1"=60'	



Little Blue River
Washington County, Kansas

LRB28 Plan
Enlarged Plan View

3 SHEET 10



LPSP 1
 Begin Sta. 7+00, 24' Rt.
 End Sta. 9+72, 141' Rt.
 300' Long
 150' U.S. Key
 5' Tall

Sta. 20+70, 171' Rt.
 Weir No. 6, LBR 29
 40' Long
 2' High
 15' Key
 15' Angle

Sta. 18+75, 117' Rt.
 Weir No. 5, LBR 29
 40' Long
 3' High
 15' Key
 15' Angle

Sta. 16+75, 64' Rt.
 Weir No. 4, LBR 29
 60' Long
 3' High
 20' Key
 20' Angle

Sta. 14+85, 50' Rt.
 Weir No. 3, LBR 29
 60' Long
 3' High
 20' Key
 20' Angle

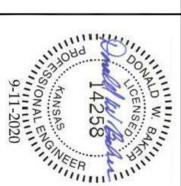
Sta. 12+72, 76' Rt.
 Weir No. 2, LBR 29
 60' Long
 3' High
 20' Key
 20' Angle

Sta. 9+72, 141' Rt.
 Weir No. 1, LBR 29
 50' Long
 4' High
 15' Key
 20' Angle

Image obtained from 2019
 Farm Service Agency National
 Agriculture Imagery Program.

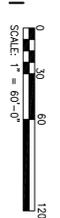
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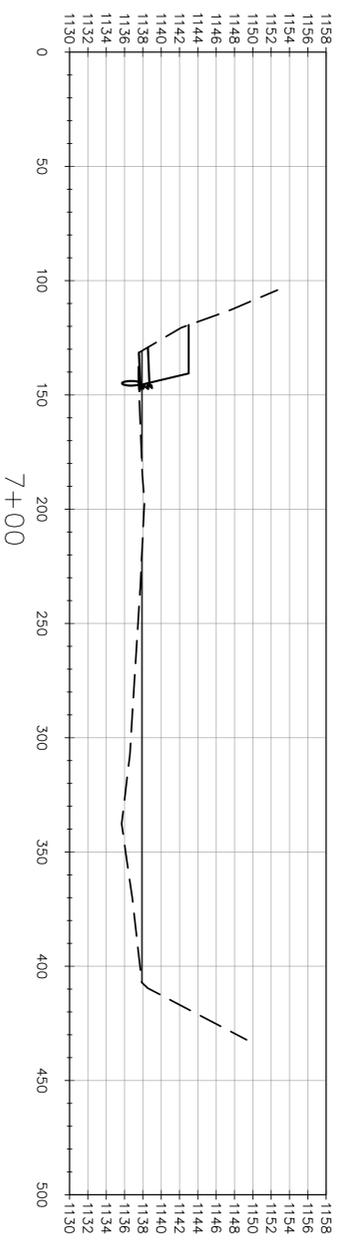
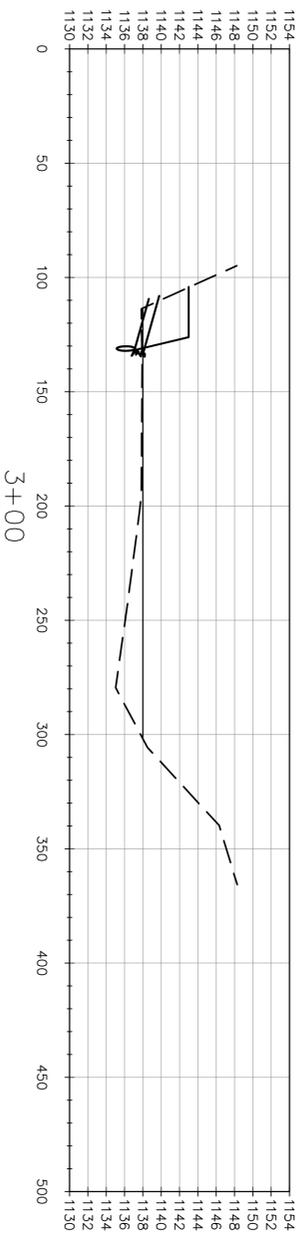
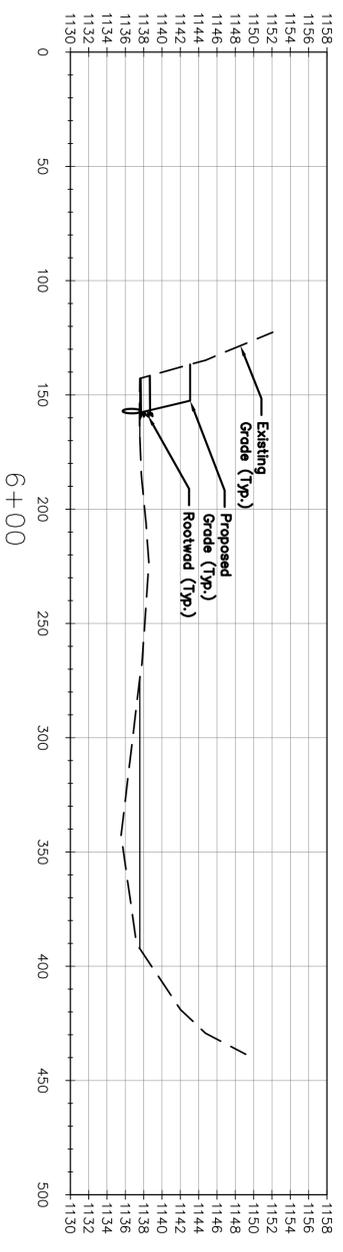
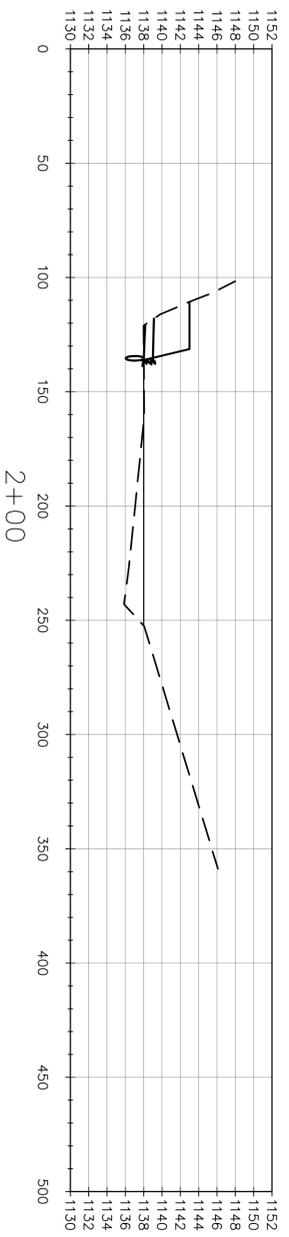
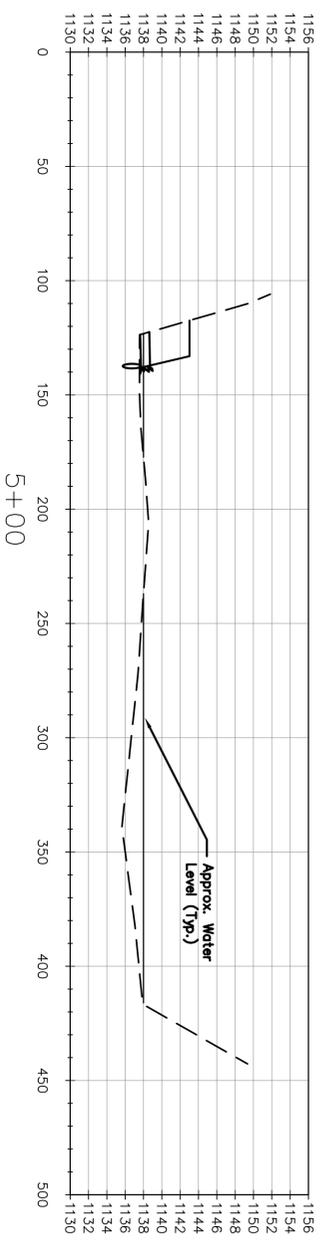
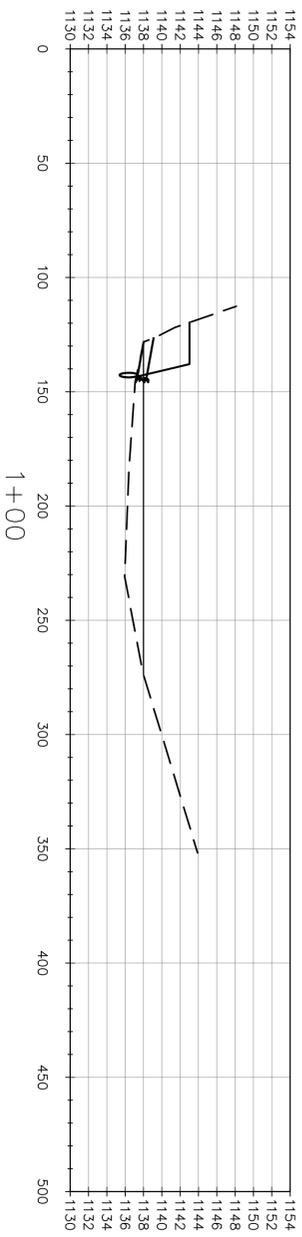
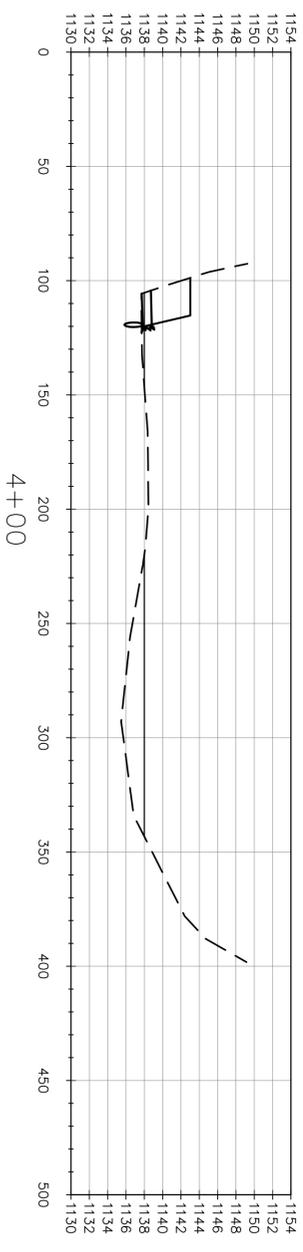
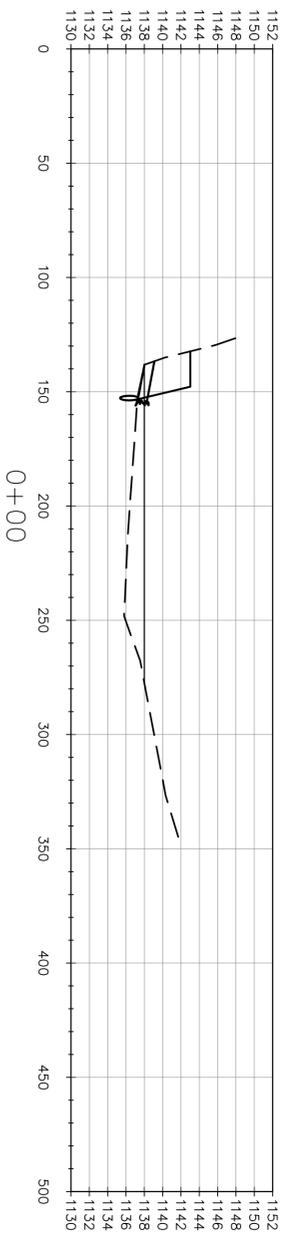


Little Blue River
 Washington County, Kansas
LBR29 Plan
 Enlarged Plan View
 4 SHEET 10

Not For Construction
 Without a Professional
 Engineer Seal.



- LEGEND**
- Benchmark
 - Existing Edge of Water
 - Existing 1' Contour
 - Existing 5' Contour
 - Existing Flowline
 - New Improvements



Not For Construction
Without a Professional
Engineer Seal.

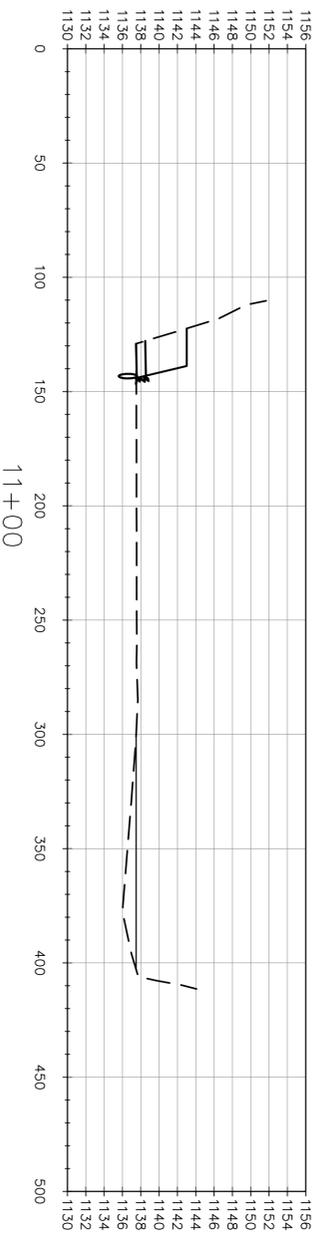
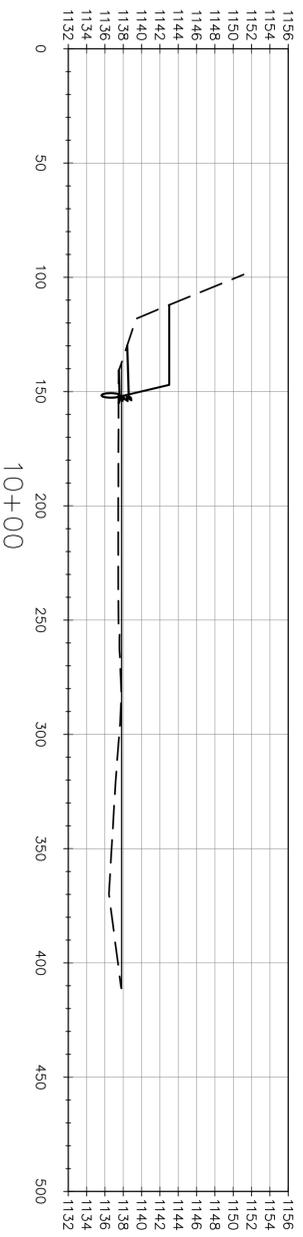
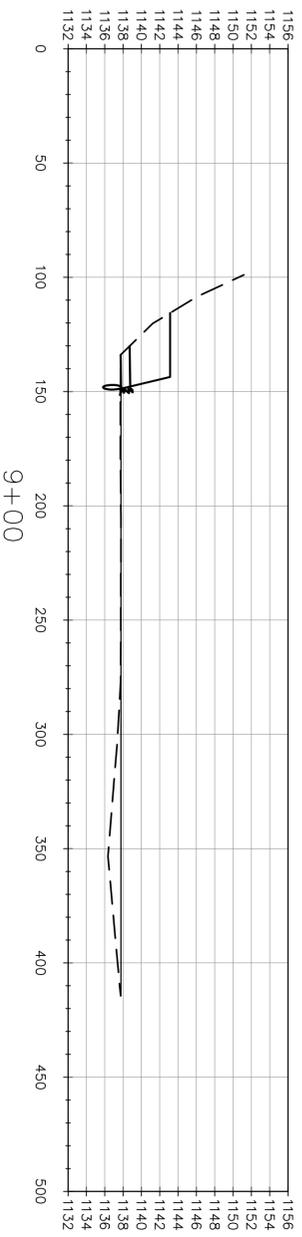
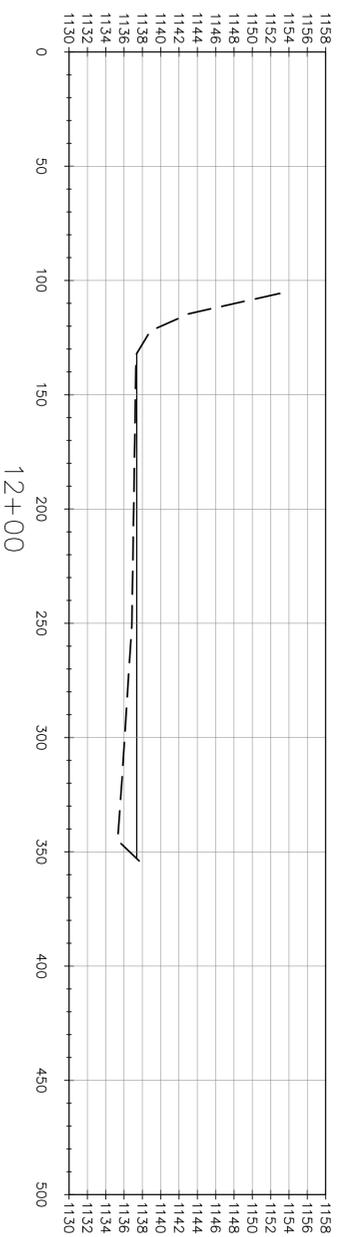
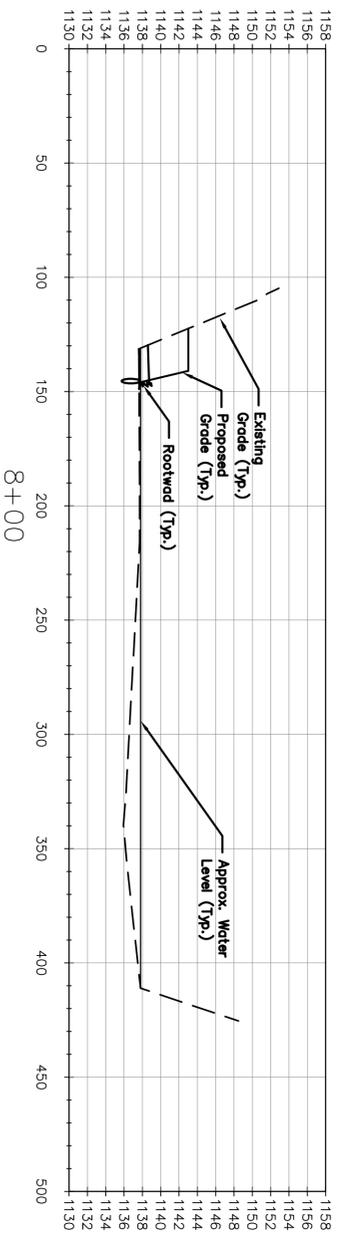
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Designed By:	PGB				
Drawn By:	MEM				
Checked By:	DWB				
Date:	9/6/20				
Scale:	1"=40'				



Little Blue River
Washington County, Kansas

LRB28 Sheet 1
Section View



Date	Comment	No.	BY	CK	APP
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		3			
		2			
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Drawn By: MEM
Checked By: DWB
Date: 9/6/20
Scale: 1"=40'

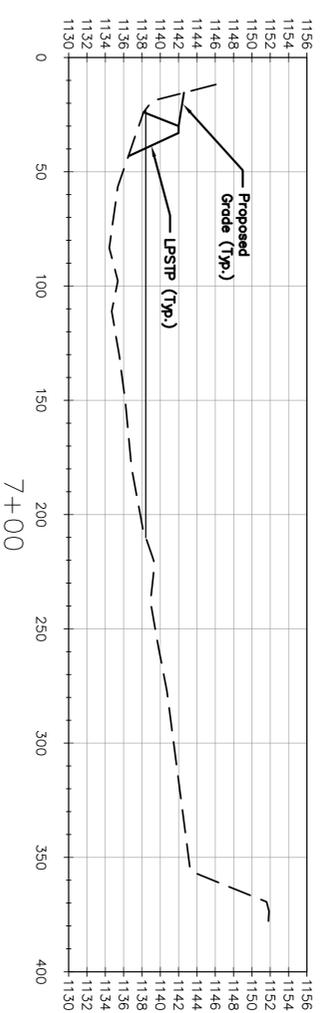
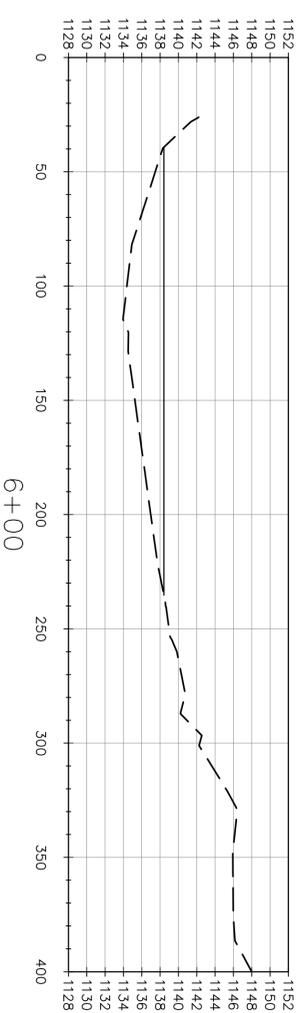
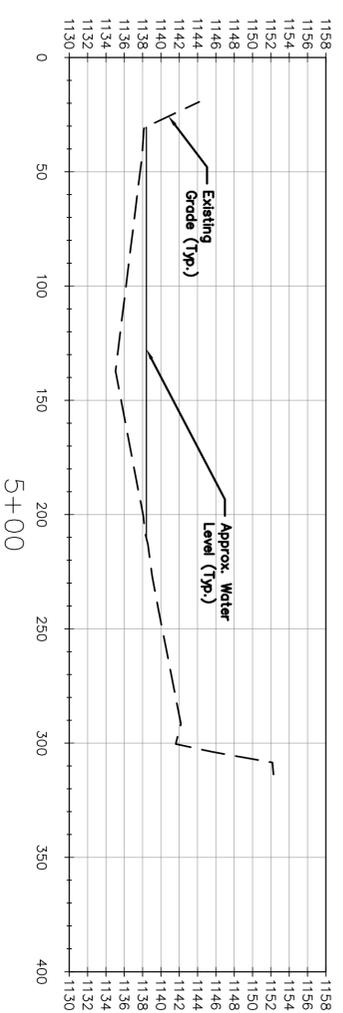
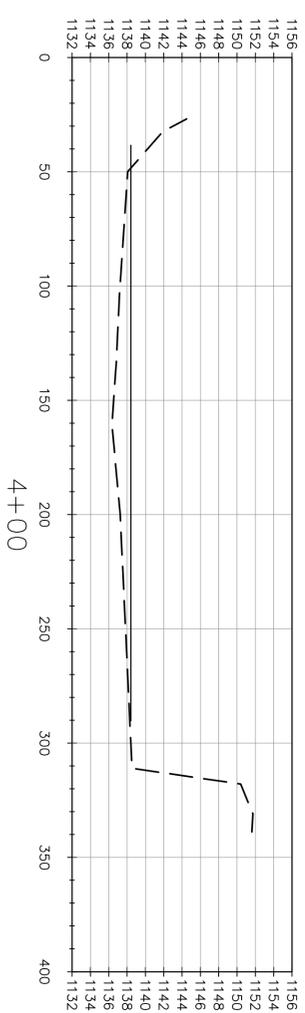
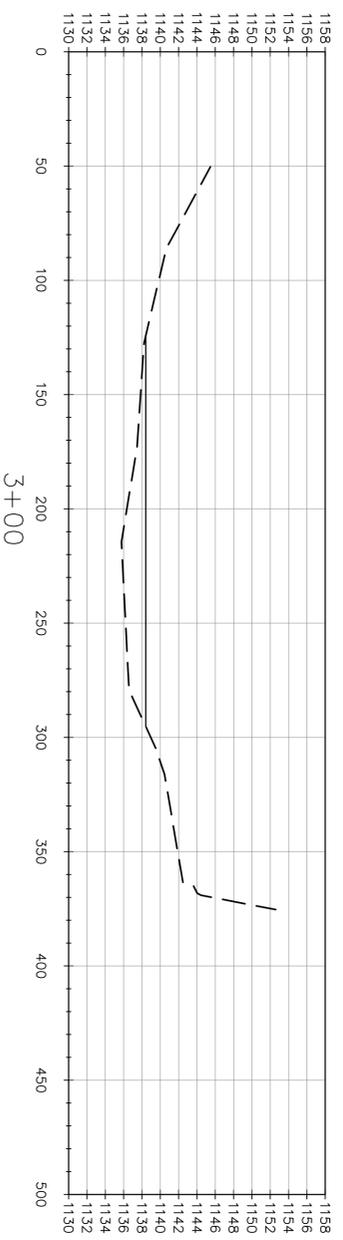
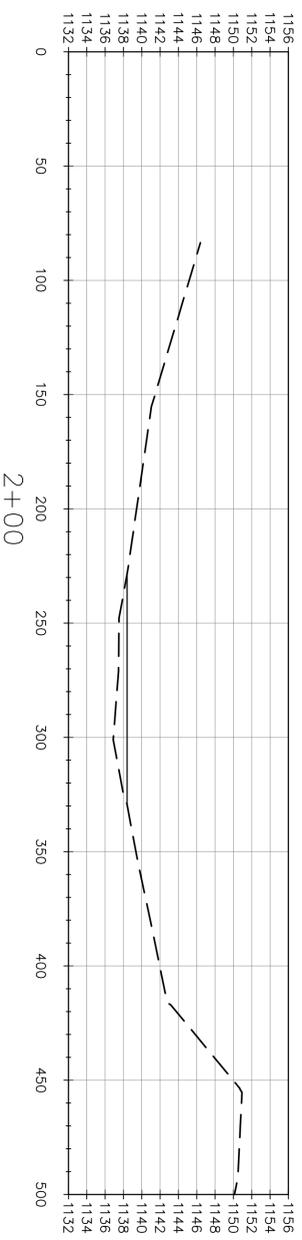
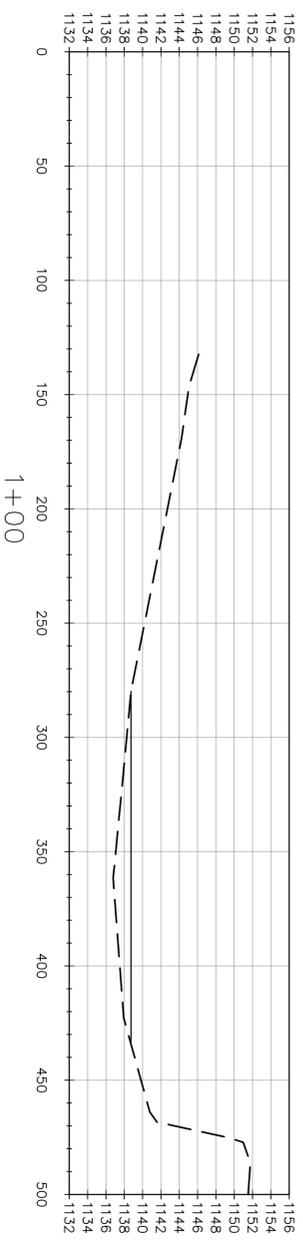
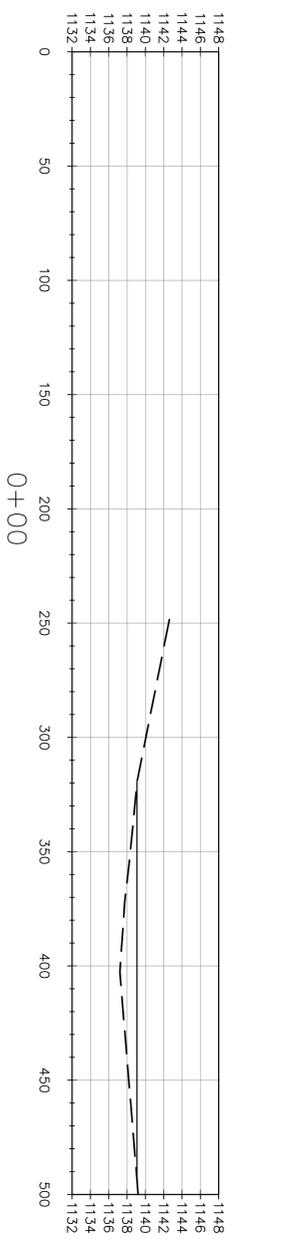


Little Blue River
Washington County, Kansas

LRB28 Sheet 2
Section View

Not For Construction
Without a Professional
Engineer Seal.

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Vert.: 1"=10'

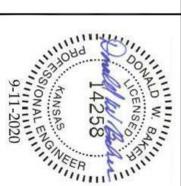


Not For Construction
Without a Professional
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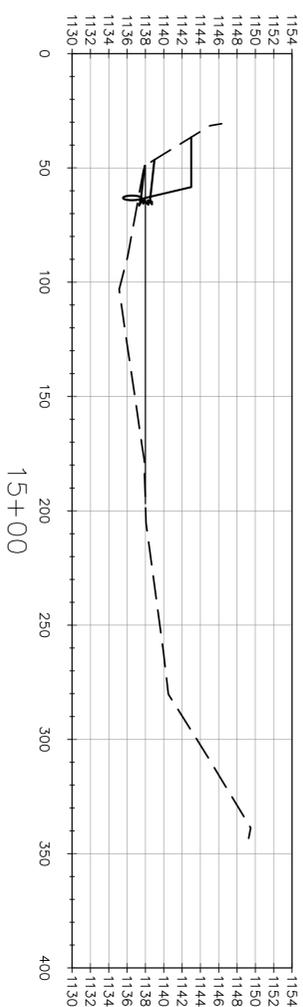
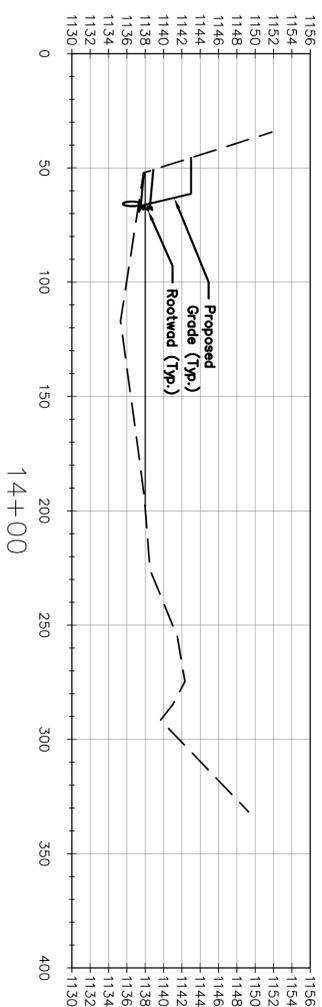
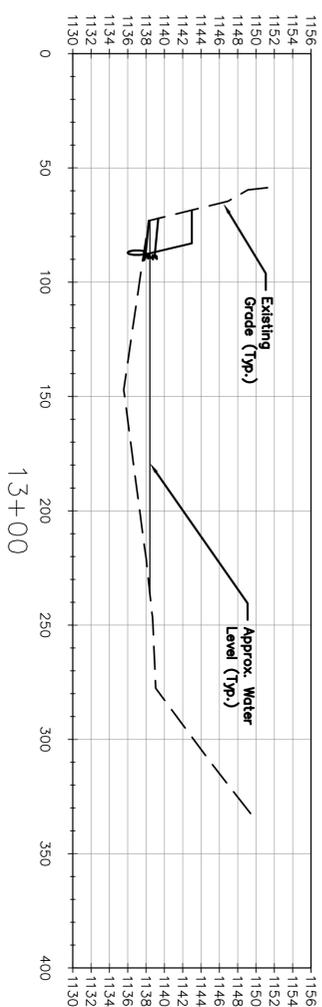
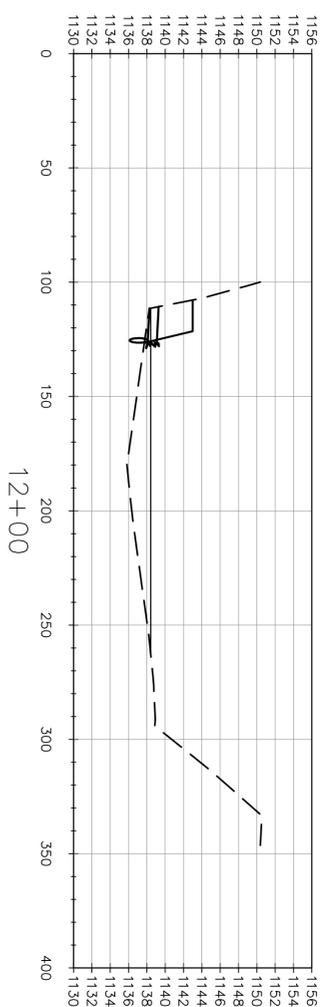
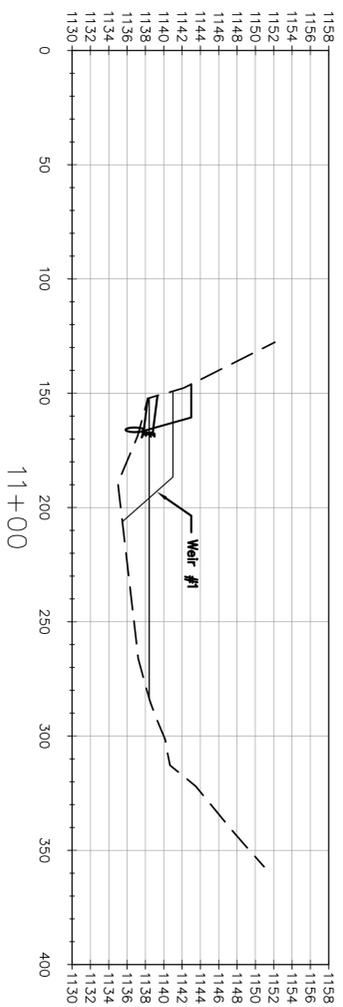
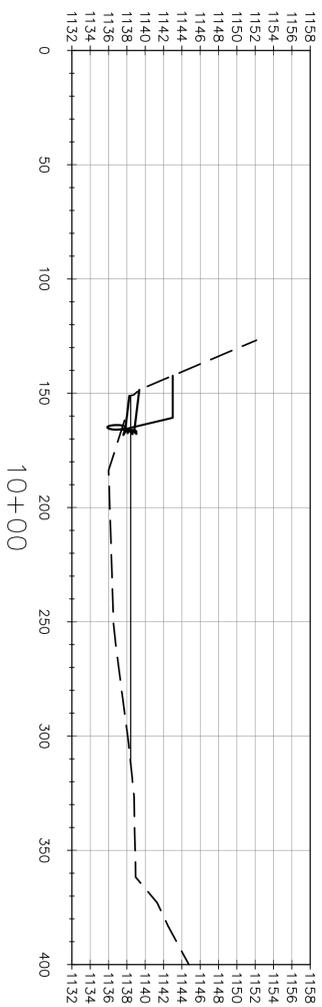
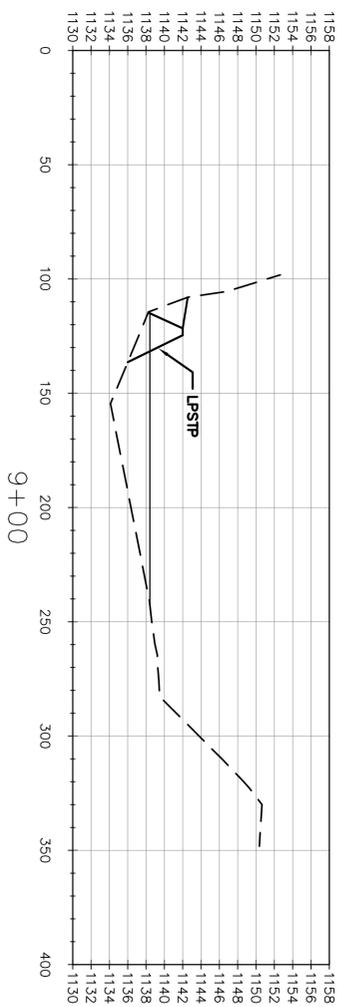
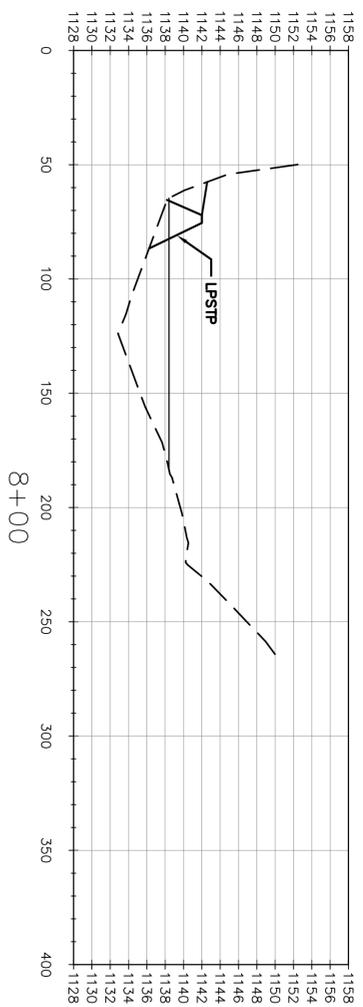
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Vert.: 1"=10'

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Designed By:	PGB
Drawn By:	MEM
Checked By:	DWB
Date:	9/6/20
Scale:	1"=40'



Little Blue River
Washington County, Kansas
LRB29 Sheet 1
Section View

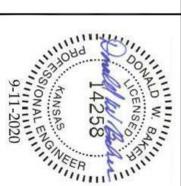


Not For Construction
Without a Professional
Engineer Seal.

Scale:
Horiz.: 1"=40'
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		3			
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Designed By:	PGB
Drawn By:	MEM
Checked By:	DWB
Date:	9/6/20
Scale:	1"=40'



Little Blue River
Washington County, Kansas

LRB29 Sheet 2
Section View

